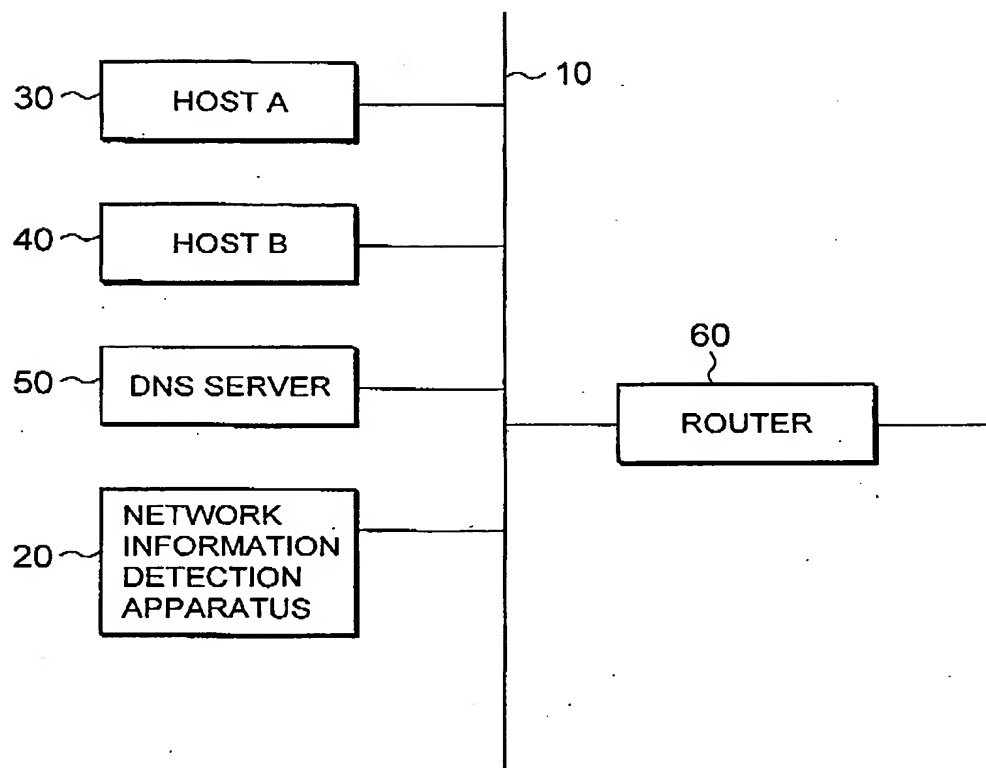


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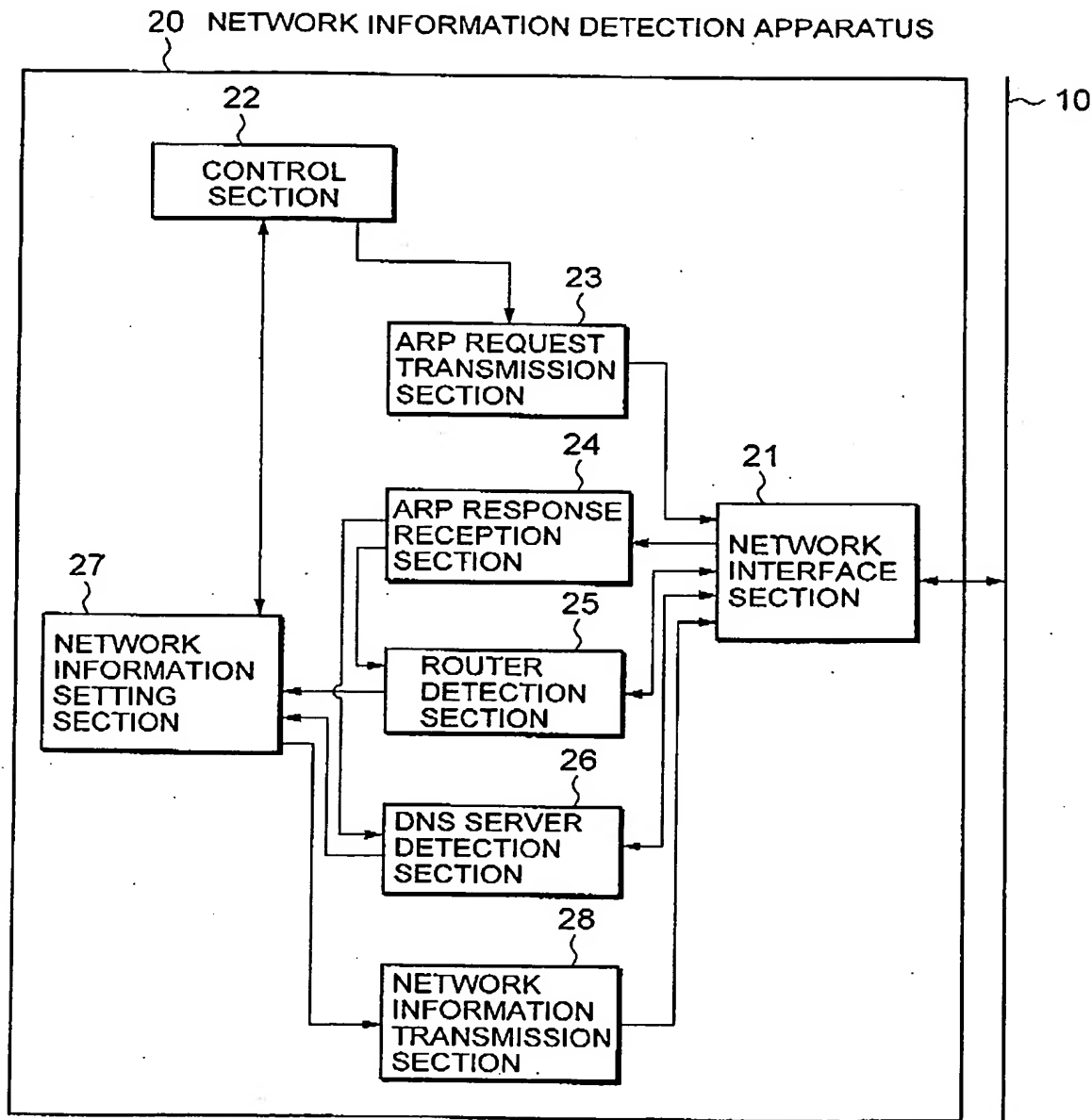
FIG.1



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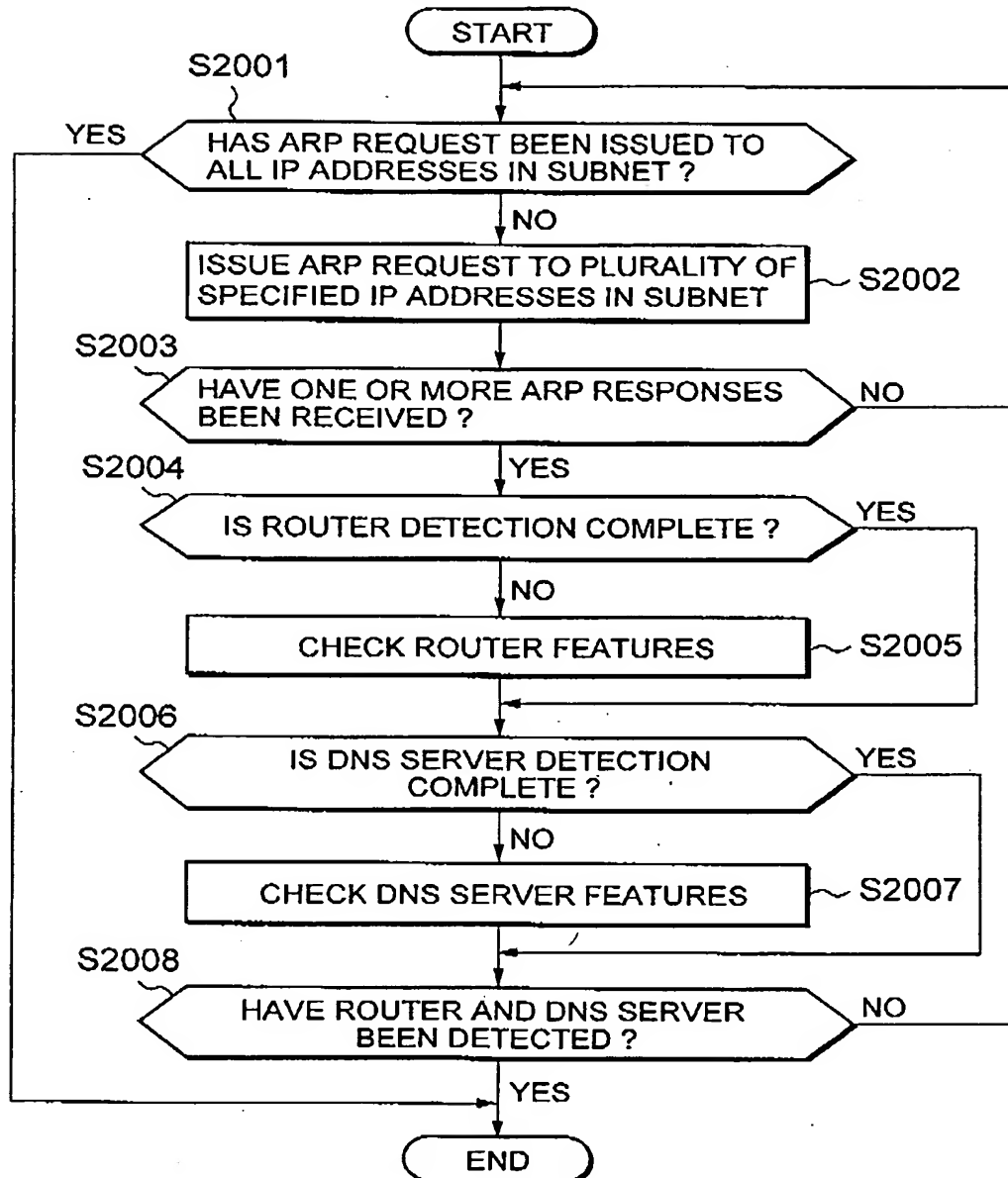
FIG.2



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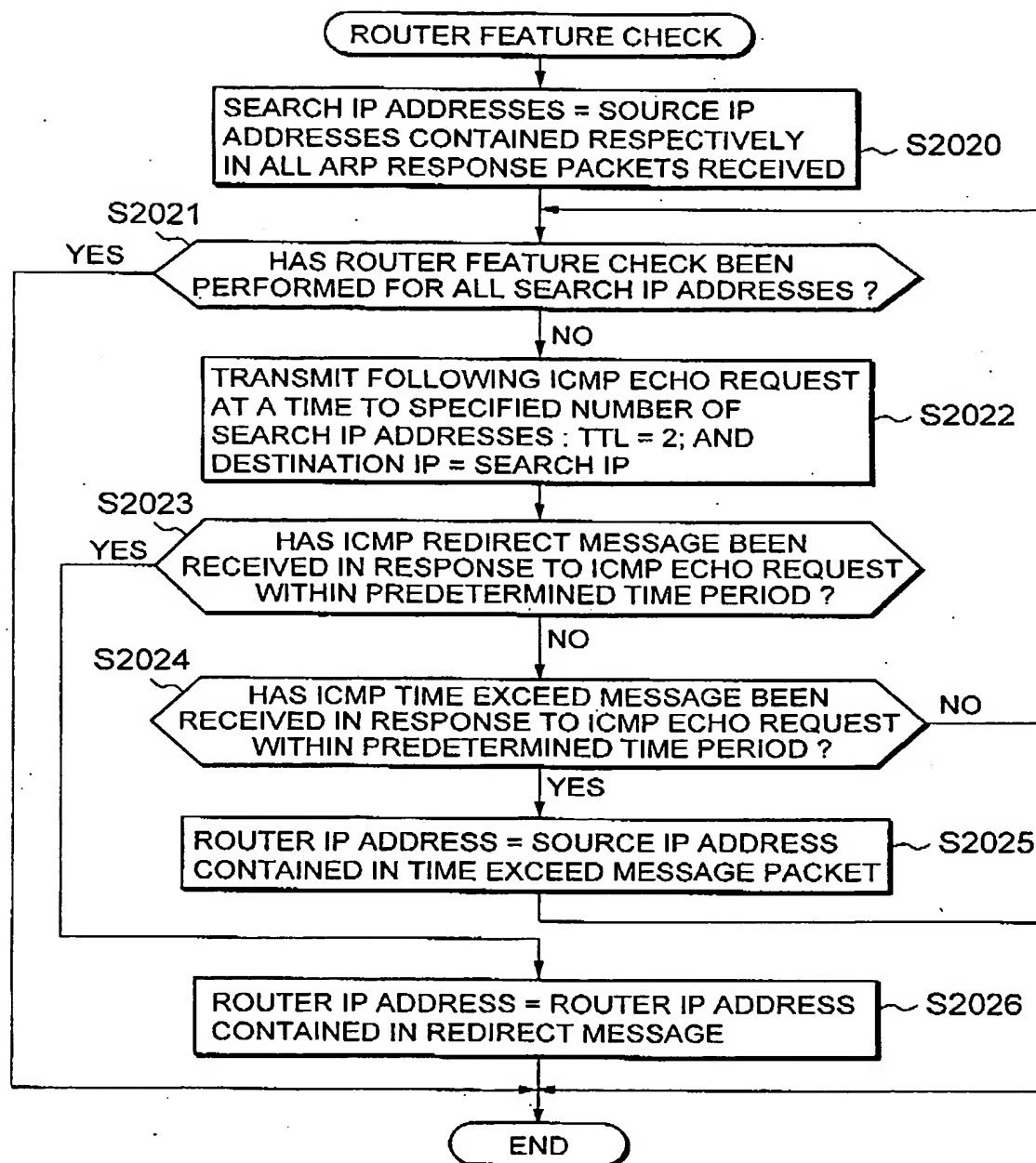
FIG. 3



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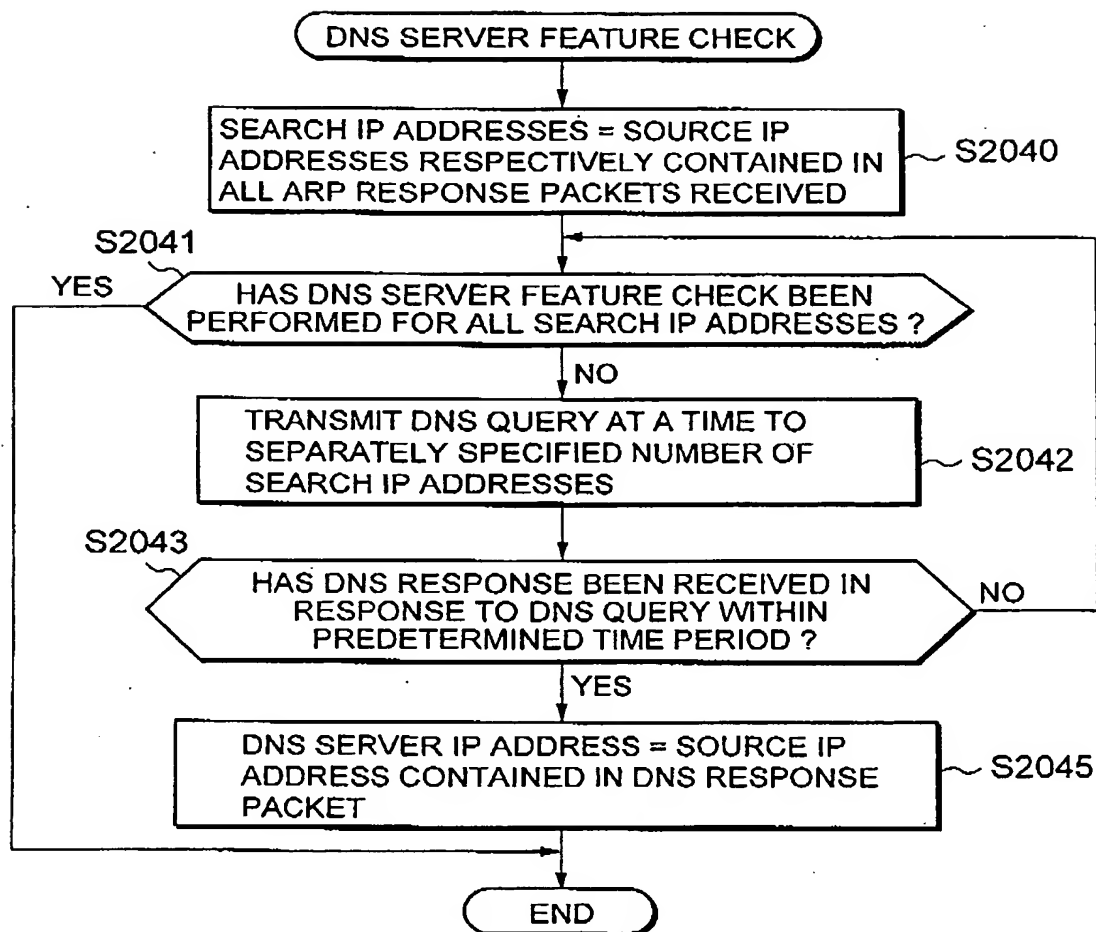
FIG. 4



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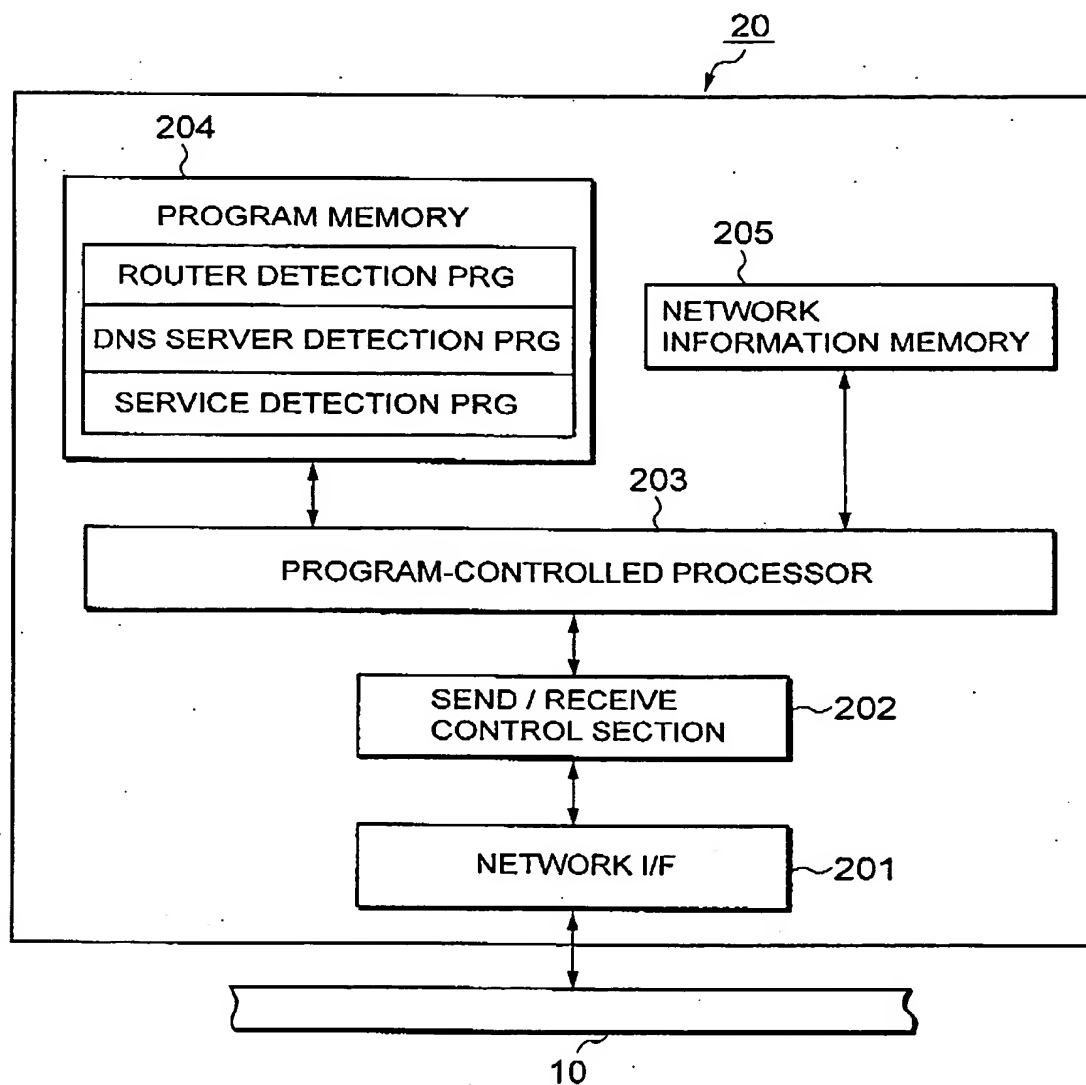
FIG. 5



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FIG. 6



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FIG. 7

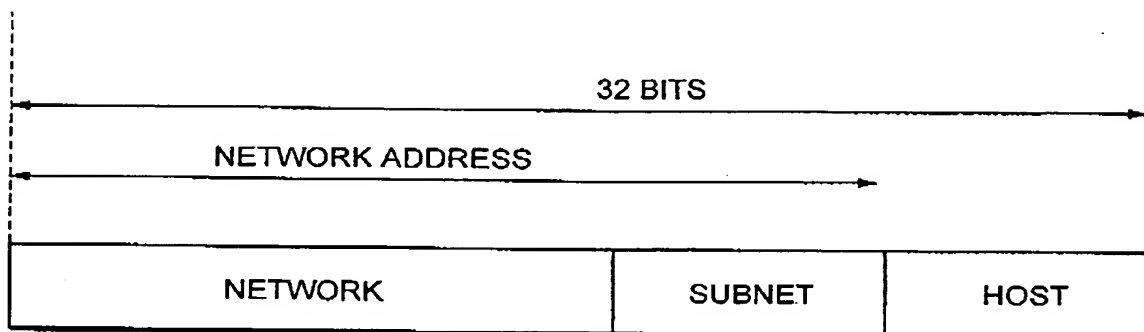
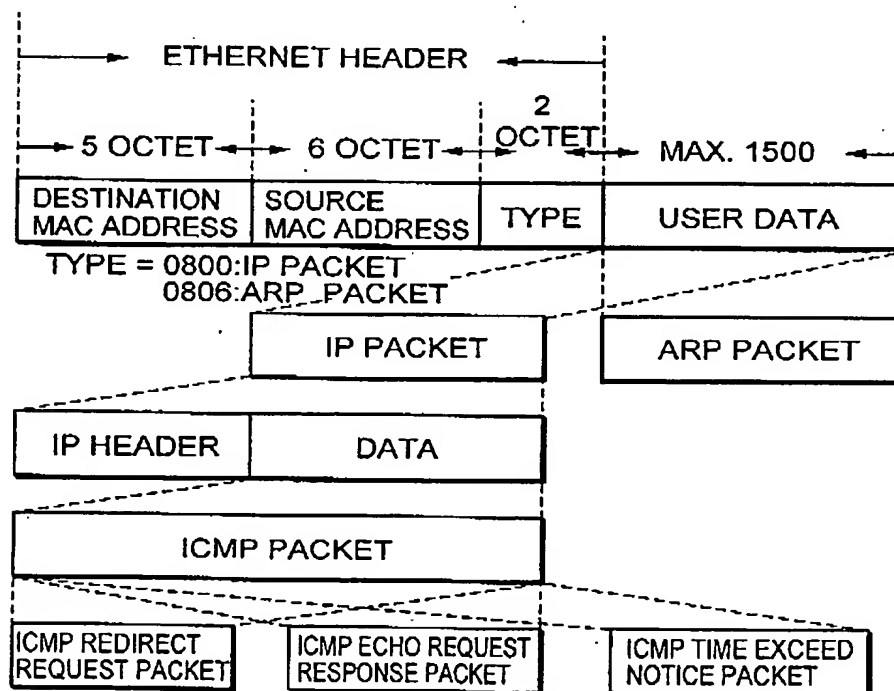
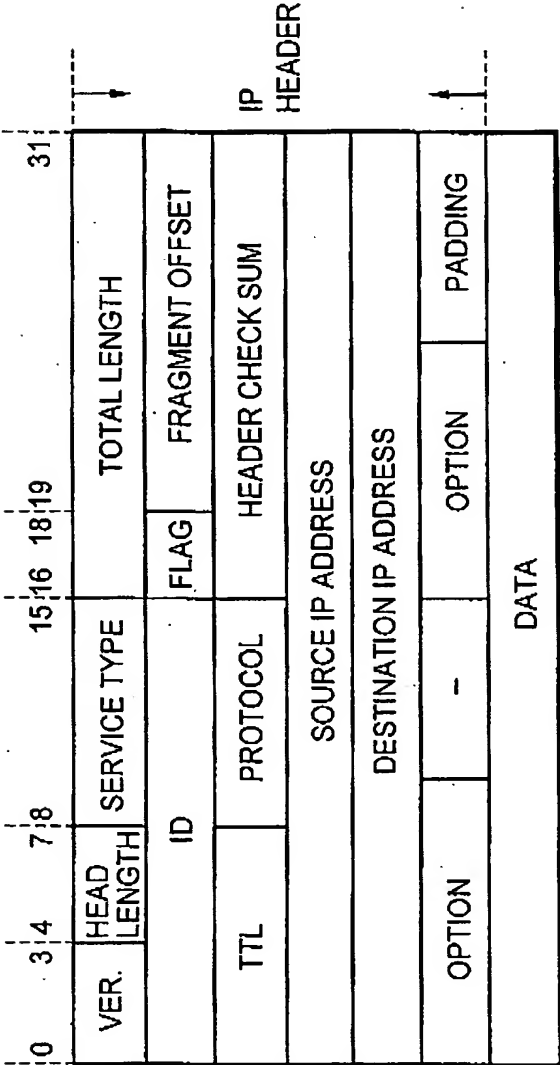


FIG. 8



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FIG.9



PROTOCOL = 1:ICMP

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FIG.10A

0	7:8	15:16	31
TYPE	CODE	CHECKSUM	
ID		SEQUENCE	
DATA			

TYPE = 0 : ECHO REPLY
 8 : ECHO REQUEST

FIG.10B

0	7:8	15:16	31
TYPE	CODE	CHECKSUM	
UNUSED (0)			
FIRST 64 BITS OF HEADER AND DATA OF ORIGINAL DATAGRAM			

TYPE = 11 : TIME EXCEEDED FOR A DATAGRAM

FIG.10C

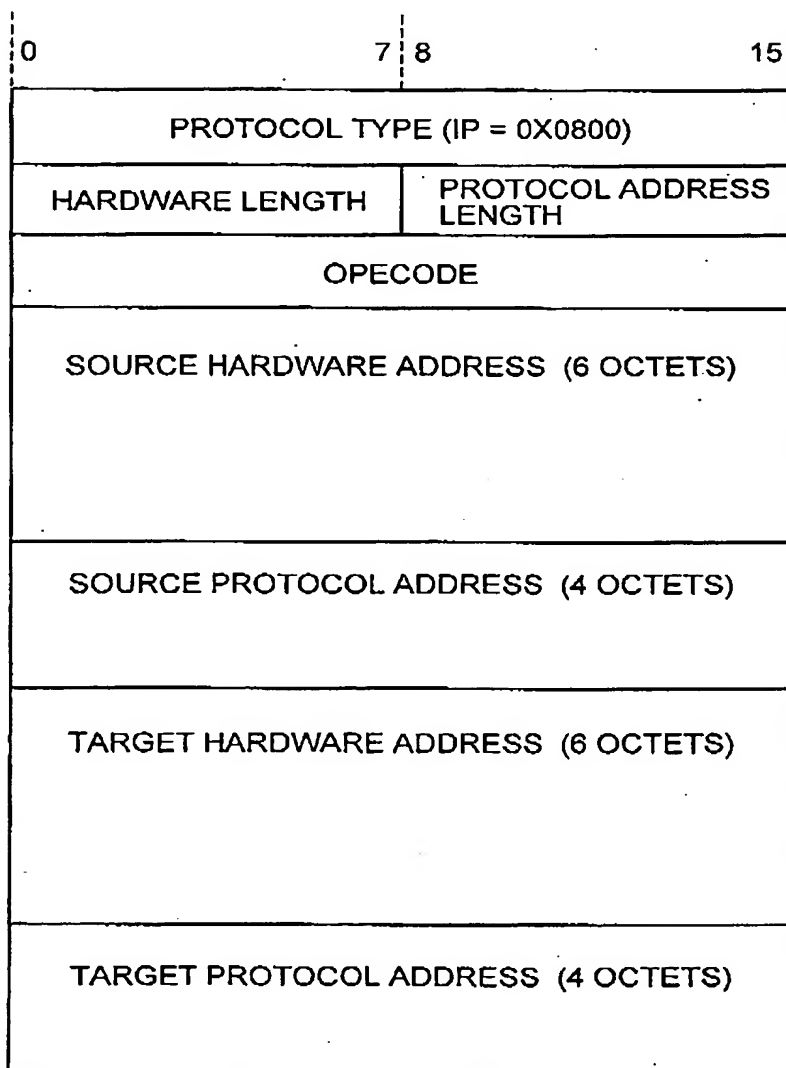
0	7:8	15:16	31
TYPE	CODE	CHECKSUM	
ROUTER IP ADDRESS			
FIRST 64 BITS OF HEADER AND DATA OF ORIGINAL DATAGRAM			

TYPE = 5 : REDIRECT

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FIG. 11



OPECODE = 1 : ARP REQUEST
2 : ARP RESPONSE
8 : InARP REQUEST
9 : InARP RESPONSE

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FIG.12

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ID															
OR	OPCODE				AA	TC	RD	RA	Z	RCODE					
QDCOUNT															
ANCOUNT															
NSCOUNT															
ARCOUNT															

ID: 16-BIT IDENTIFIER ASSIGNED BY QUERY-GENERATING PROGRAM
QR: QUESTION / RESPONSE; 1-BIT FIELD INDICATING
WHETHER THIS MESSAGE IS A QUESTION (0) OR RESPONSE (1)
OPCODE: 4-BIT FIELD INDICATING THE TYPE OF QUESTION OF THIS
MESSAGE

0 A STANDARD QUERY (QUERY)
1 AN INVERSE QUERY (QUERY)
2 A SERVER STATUS REQUEST (STATUS)
3-15 RESERVED FOR FUTURE USE